

## Claims

What is claimed is:

1. A medical management system comprising:

a personal communication device that is used by a patient to perform a plurality of functions comprising medication logging and interactive communication;

an integrated network that is communicatively coupled to the personal communication device, the integrated network provides inter-communication between the patient and a plurality of providers, the plurality of providers comprising a healthcare provider and a pharmaceutical supplier/provider, and

a HemaScan database that is communicatively coupled to the integrated network, the HemaScan database comprising a patient education material and a product catalog, the HemaScan database is operable in conjunction with the integrated network and the personal communication device to perform automated medication reorder processing for the patient;

wherein the medication logging is partially automated and partially interactive; and

the partially interactive medication logging allows the patient to verify the partially automated medication logging.

2. The medical management system of claim 1, further comprising at least one additional personal communication device that is used by at least one additional patient to perform functions comprising medication logging and interactive communication.

3. The medical management system of claim 1, further comprising at least one additional personal communication device that is used by at least one additional patient to perform functions comprising medication logging and interactive communication; and

the patient and the at least one additional patient perform interactive communication using the personal communication device and the at least one additional personal communication device.

4. The medical management system of claim 1, wherein the HemaScan database is specifically tailored to the disease hemophilia.

5. The medical management system of claim 1, wherein the personal communication device comprises a wireless communication device;

the integrated network comprises a wireless communication network; and  
the personal communication device maintains continuous communication with the wireless communication network.

6. The medical management system of claim 1, wherein the HemaScan database is operable with the integrated communication network to perform medication tracking and medication trending of medication that is administered by the patient.

7. The medical management system of claim 1, wherein the HemaScan database is operable with the integrated communication network to perform medication inventory tracking and medication inventory trending.

8. The medical management system of claim 1, wherein the HemaScan database is operable with the integrated communication network to perform medication inventory tracking of a tainted medication; and

the HemaScan database is operable with the integrated communication network to communicate to the patient, via the personal communication device, information that identifies the tainted medication.

9. A medical management system comprising:

a wireless communication network;  
a dedicated secure network; and  
a HemaScan database that is communicatively coupled to the wireless communication network and the dedicated secure network; and

a wireless communication device that is communicatively coupled to the wireless communication network;

wherein the dedicated secure network further communicatively couples the HemaScan database to a pharmaceutical supplier/provider;

the wireless communication network further communicatively couples the HemaScan database to the wireless communication device that is used by a patient to perform a plurality of functions comprising medication logging and interactive communication;

the HemaScan database is operable in conjunction with the wireless communication device, the wireless communication network, and the dedicated secure

network to perform automated medication reorder processing for the patient from the pharmaceutical supplier/provider; and

the medication logging is partially automated and partially interactive; and

the partially interactive medication logging allows the patient to verify the partially automated medication logging.

10. The medical management system of claim 9, further comprising at least one additional wireless communication device that is communicatively coupled to the wireless communication network that is used by at least one additional patient to perform a plurality of functions comprising medication logging and interactive communication.

11. The medical management system of claim 9, further comprising an internet that communicatively couples to the HemaScan database;

a healthcare provider communicatively couples to the HemaScan database through the internet via a secure communication link, the healthcare provider comprises a medical doctor who treats the patient;

wherein the medical doctor communicates a message to the patient.

12. The medical management system of claim 9, further comprising an internet that communicatively couples to the HemaScan database;

a healthcare provider communicatively couples to through the internet to the HemaScan database via a secure communication link, the healthcare provider treats the

patient and performs a plurality of services comprising medication tracking and medication trending specific to the patient;

an insurance provider that provides medical coverage insurance to the patient, the insurance provider communicatively couples to the HemaScan database through the internet via a secure communication link;

wherein the healthcare provider communicates information to the insurance provider concerning the medication tracking and the medication trending specific to the patient.

13. The medical management system of claim 9, wherein the HemaScan database is operable to transmit a plurality of messages to the patient via the wireless communication network;

the HemaScan database receives an alarm message from the pharmaceutical supplier/provider via the dedicated secure network, the message indicates a tainted medication; and

the HemaScan database notifies the patient of the tainted medication via the wireless communication network and the wireless communication device that is used by the patient.

14. The medical management system of claim 9, wherein the HemaScan database is operable to perform medication inventory tracking of a tainted medication; and

the HemaScan database is operable with the wireless communication network to communicate to the patient, via the wireless communication device, information that identifies the tainted medication in real time.

15. The medical management system of claim 9, wherein the HemaScan database is specifically tailored to the disease hemophilia.

16. A medical management system comprising:

a personal communication device that is used by a patient to perform a plurality of functions comprising medication logging and interactive communication;

a modem pool dial-up that allows remote secured login from the personal communication device;

a dedicated secure network; and

a HemaScan database that is communicatively coupled to the modem pool dial-up and the dedicated secure network, the HemaScan database is operable in conjunction with the personal communication device, the modem pool dial-up, and the dedicated secure network to perform automated medication reorder processing for the patient from a pharmaceutical supplier/provider.

17. The medical management system of claim 16, wherein the HemaScan database is operable to perform medication logging that is partially automated and partially interactive; and

the partially interactive medication logging allows the patient to verify the partially automated medication logging.

18. The medical management system of claim 16, wherein the HemaScan database is operable to perform medication inventory tracking of a tainted medication that has been provided by the pharmaceutical supplier/provider; and

the HemaScan database is operable in conjunction with the personal communication device, the modem pool dial-up, and the dedicated secure network to communicate to the patient, via the wireless communication device, information that identifies the tainted medication that has been provided from the pharmaceutical supplier/provider.

19. The medical management system of claim 16, wherein the HemaScan database is tailored to a plurality of diseases.

20. The medical management system of claim 16, wherein the HemaScan database is specifically tailored to the disease hemophilia.